```
/*

Experiment No. :     01

Statement     :     Make  running  light  pattern  of  5  LEDs.  It
should run in both the directions continuously.

Date of Exp.   :     xx/xx/xxxx

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*/


 void setup()
  {
for(int i=2;i<=6;i++)
// initialize digital pin LED_BUILTIN as an output.
pinMode(i, OUTPUT);
}

// the loop function runs over and over again forever
void loop()
{
   {
for(int i=2;i<=6;i++)
digitalWrite(i, HIGH);//turn  the  LED  on  (HIGH  is  the  voltage
level)
delay(1000);

for(int i=2;i<=6;i++)          // wait for a second
digitalWrite(i, LOW);// turn  the  LED  off  by  making  the  voltage
LOW
delay(1000);                   // wait for a second
  }
}
```